

22278 U.S. PTO
10/673164
09/30/03

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|--------------------|---|---|----|---|---|------|-------------|
| Basic Fee | | | | | | | \$ 750.00 |
| Total Claims | | | | | | | = 0.00 |
| Independent Claims | 2 | - | 20 | = | 0 | x 18 | = 0.00 |
| Total Filing Fee | 2 | - | 3 | = | 0 | x 84 | = \$ 750.00 |

3. A credit card payment form including the amount of \$750.00 is enclosed to cover the Filing Fee.

4. The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment, to Deposit Account No. 50-1417.

5. New drawings are enclosed, six (6) sheets, Figs. 1-7.

6. The power of attorney is set forth in the Declaration in the prior application or an associate power of attorney is hereby granted to:

John R. Mattingly, Registration No. 30,293
Jeffrey M. Ketchum, Registration No. 31,174
Shrinath Malur, Registration No. 34,663
Daniel J. Stanger, Registration No. 32,846
Gene W. Stockman, Registration No. 21,021.

There is no change in the correspondence address.

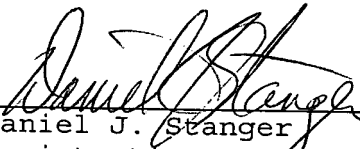
Address all future correspondence to:

MATTINGLY, STANGER & MALUR, P.C.
1800 Diagonal Road, Suite 370
Alexandria, Virginia 22314
(703) 684-1120

Please associate this application with Customer No. 24956.

7. The prior application is assigned to HITACHI, LTD.

The undersigned hereby declares that no matter contained in the specification, including the claims, and drawings filed in the present divisional application would have been new matter in the prior application Serial No. 09/463,231 as originally filed on January 21, 2000.


Daniel J. Stanger
Registration No. 32,846
Attorney of Record

MATTINGLY, STANGER & MALUR, P.C.
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Date: September 30, 2003